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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lieping Chen
Serial No. : 09/649,108
Filed : August 28, 2000
Title : B7-H1, A NOVEL IMMUNOREGULATORY MOLECULE

Art Unit : 1644
Examiner : Jessica H. Roark

Commissioner for Patents
Washington, D.C. 20231

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AMENDMENT AND RESPONSE

In response to the Office Action mailed May 15, 2002, Applicant submits the following amendments and remarks.

In the specification:

On page 1, line, delete the title ("B7-H1, A NOVEL IMMUNOREGULATORY MOLECULE") and replace it with --B7-H1, AN IMMUNOREGULATORY MOLECULE--

Replace the paragraph beginning on page 15, line 18, with the following rewritten paragraph:

B1
--The determination of percent identity between two sequences is accomplished using the mathematical algorithm of Karlin and Altschul, *Proc. Natl. Acad. Sci USA* 90, 5873-5877, 1993. Such an algorithm is incorporated into the BLASTN and BLASTP programs of Altschul et al. (1990) *J. Mol. Biol.* 215, 403-410. BLAST nucleotide searches are performed with the BLASTN program, score = 100, wordlength = 12 to obtain nucleotide sequences homologous to B7-H1-encoding nucleic acids. BLAST protein searches are performed with the BLASTP program, score = 50, wordlength = 3 to obtain amino acid sequences homologous to B7-H1. To obtain gapped alignments for comparative purposes, Gapped BLAST is utilized as described in Altschul

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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